

Title (en)  
PEDAL ASSEMBLY PIEZOELECTRIC GENERATOR

Title (de)  
PIEZOELEKTRISCHER GENERATOR FÜR PEDALANORDNUNG

Title (fr)  
GÉNÉRATEUR PIÉZOÉLECTRIQUE D'ENSEMBLE PÉDALE

Publication  
**EP 3516190 A1 20190731 (EN)**

Application  
**EP 17771842 A 20170913**

Priority  
• GB 201616162 A 20160922  
• GB 2017052694 W 20170913

Abstract (en)  
[origin: WO2018055337A1] A pedal assembly for generating electrical power in a vehicle is presented. The pedal assembly includes a pedal which mechanically transfers the pressure exerted on the pedal into a linear motion of a shaft. The linear motion of the shaft rotates a cylinder. When the cylinder applies mechanical stress on a piezoelectric transducer, a voltage is generated from the piezoelectric transducer.

IPC 8 full level  
**F02D 11/02** (2006.01); **B60K 26/02** (2006.01); **B60T 13/74** (2006.01)

CPC (source: EP GB)  
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Citation (search report)  
See references of WO 2018055337A1

Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2018055337 A1 20180329**; EP 3516190 A1 20190731; EP 3516190 B1 20200729; GB 201616162 D0 20161109; GB 2554374 A 20180404; GB 2554374 B 20211027

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**GB 2017052694 W 20170913**; EP 17771842 A 20170913; GB 201616162 A 20160922